

# Keysight PXA Signal Analyzers

## Rack Slide Kit

# Notices

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## Rack Slide Kit Installation Note

Products Affected:	PXA N9030A/N9030B
Serial Numbers:	All
To Be Performed By:	(X) Keysight Service Center (X) Personnel Qualified by Keysight (X) Customer
Estimated Installation Time:	1.0 Hours

This retrofit kit provides all parts and instructions for installing the rack slide kit into a standard Keysight rack.

## Contents Required

Quantity	Description
1	Installation Note
4	Spacers
4	M5 x 20 pan head screws
1 pair	rack slides
8	M4 Unistrut nut
4	M4 x 12 flat head screw
4	M4 x 12 pan head screw

## Tools Required

- Torx Driver T-20
- Torx Driver T-25
- Phillips head screwdriver #1

## Procedure

### Remove the instrument bottom feet

Remove the bottom feet by pulling out the black plastic locks, lifting the tabs on the feet, and sliding to disengage from the outer case.

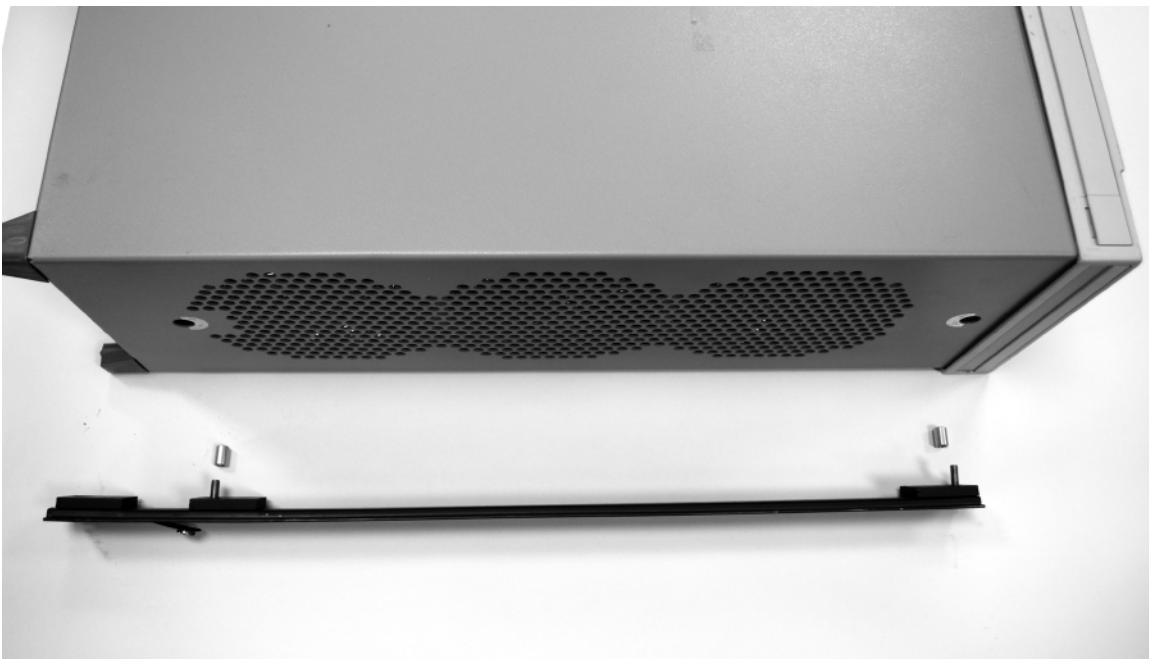
### Remove the instrument strap handles

Remove the handles from both sides of the instrument using a Torx -20 driver.

### Install inner slide rails

1. Remove both rack slide halves from the packaging.
2. Place one slide near the right side of the instrument and the other slide to the left of the instrument. This positioning will help you keep the slide sections in the correct order when you disassemble the slides in the next step.
3. Pull the slides fully open. Press the black spring loaded button while pulling off the last section (inner slide). Do this on both slides.
4. **Figure 1** shows the spacers that must be inserted between the inner slide and the instrument side frame. These spacers allow the inner slide to be installed without deforming the instrument outer cover.

**Figure 1**



5. Attach the inner slide by inserting two M 5 x 20 mm screws through the slide and through the spacer and secure to the instrument using a Torx-25 driver. Torque to 21 in-lbs.

**Figure 2** shows the positioning of the inner slide on the instrument.

**Figure 2**



### Install the outer slide in the instrument rack

1. Assure the left and right side outer slides are identified before attaching to the instrument rack. To do this, install the outer slide onto the inner slide to test the fit. The spring loaded buttons on the slides are offset, and you must check carefully to determine that the spring loaded buttons will align with the holes in the slides. This is very important because the buttons and associated holes act as stops to prevent the rack slide from coming apart unexpectedly.
2. Separate the inner and outer slides.
3. Insert 2 unistrut nuts in each of the 4 vertical columns of the rack.

**Figure 3**



4. Attach the outer slides to each side of the rack using 2 M4x12 flat head screws in front, and 2 M4x12 pan head screws in the rear, to the Unistrut nuts. Torque to 21 in-lbs. **Figure 3** shows a rack with the outer panel remove. The front of the instrument will face to the left in the picture when the instrument is installed in the rack.

## Install the instrument into the instrument rack

1. See **Figure 4**. Extend the outer slides until they snap into place. Carefully lift the instrument and mate the outer slides with the inner slides on the instrument. Push the spring loaded buttons on both inner slides in while pushing the instrument into the rack until the button on the inner slide engages the hole in the outer slide. The instrument will now be secured in the rack slides.

**Figure 4**



2. Press the spring loaded buttons on the inner slide again and slide the instrument into the rack. It is normal to experience some resistance as the instrument is slid into the rack.

For assistance, contact your nearest Keysight Technologies Sales and Service Office. To find your local Keysight office access the following URL, or if in the United States, call the following telephone number:

<http://www.keysight.com/find/assist>

1-800-829-4444 (8 am – 8 pm ET, Monday – Friday)

